

1,2,3-Propanetriol, esters

- β -D-Glucopyranoside, 2,3-dihydroxypropyl;
 α -D-Fructofuranoside,
 2-hydroxy-1-(hydroxymethyl)ethyl. Thio
 analogs of glycerol are indexed at
 1,2-Propanediol, 3-mercapto-, 2-Propanol,
 1,3-dimercapto-, 1,2,3-Propanetriol, etc.
 Cyclic ethers are indexed at the ring names; thus
 the 1,2-ethylidene ether is named
 1,3-Dioxolane-4-methanol, 2-methyl-
1,2,3-Propanetriol [56-81-5], esters
 Cyclic esters of 1,2,3-propanetriol are indexed at the
 ring names. Thus, the cyclic 1,2-carbonate is
 indexed at 1,3-Dioxolan-2-one,
 4-(hydroxymethyl)-
 See also *Glycerides*
 rosin esters — see also *Resin acids*, esters with
 glycerol
 trinitrate, explosives — see also *Dynamite*
1,2,3-Propanetriol, polymers
 alkyd resins — see also *Alkyd resins*
 homopolymer — see
 also *Poly[oxy(2-hydroxy-1,3-propanediyl)], α -*
hydro- ω -hydroxy- [26403-55-4]
1,2,3-Propanetriyl nitrate
 See 1,2,3-Propanetriol, esters, trinitrate [55-63-0]
1,2,3-Propanetriyl nitrite
 See Nitrous acid, 1,2,3-propanetriyl ester [621-75-0]
Propanex
 See Propanamide, N-(3,4-dichlorophenyl)-
 [709-98-8]
Propan Gel S
 See 1,1'-Bicyclohexyl]-1-carboxylic
 acid, 2-(diethylamino)ethyl ester, hydrochloride,
 mixt. with aluminum hydroxide (Al(OH)₃) and
 magnesium hydroxide (Mg(OH)₂) [53663-72-2]
Propanide
 See Propanamide, N-(3,4-dichlorophenyl)-
 [709-98-8]
Propanidid
 See Benzenecetic acid, 4-[2-(diethylamino)-2-
 oxoethoxy]-3-methoxy-, propyl ester
 [1421-14-3]
Propanil
 See Propanamide, N-(3,4-dichlorophenyl)-
 [709-98-8]
1-Propanimine
 —, 1-fluoro-
 See Propanimidoyl fluoride [5961-92-2]
3H-3a,7-Propanoanthranil
 See 3H-3a,7-Propano-2,1-benzisoxazole [167-70-4]
1H-4,10b-Propanobenz[h]isoquinolin-8(7H)-one
 cyclic 1,2-ethanediyl acetal —
 see Spirol, 1,3-dioxolane-2,8(7'H)-[1H-4,10b]-
 propanobenz[h]isoquinoline [510-48-5]
3,4-Propanobenzofuran
 See 3H-Naphtho[1,8-bc]furan, 4,5-dihydro-
 [5656-61-1]
Propanocaine
 See Benzenemethanol, α -[2-(diethylamino)ethyl]-,
 benzoate (ester) [493-76-5]
1H-4,7a-Propanocyclopenta[c]pyran-1,4(3H)-
dicarboxylic acid
 —, tetrahydro-9-hydroxy-
 δ -lactone — see 3,8-Methanocyclopenta[c]pyrano-
 [3,4-b]pyran-8(9H)-carboxylic
 acid, octahydro-1-oxo- [27957-19-3]
Propanoic acid [79-09-4]
 Propanoic acid derivatives containing functions higher
 than carboxylic acid are indexed at the names of
 parent compounds that contain the higher
 functions, e.g., Pyridinium, 4-(1-carboxyethyl)-.
 In the absence of a higher function, when one or
 more propanoic residues are attached by a single
 bond to any ring, including benzene, the
 compound is indexed at a conjunctive name
 based on the ring name, e.g.,
 1,3-Benzenedipropanoic acid; 3-Furanacetic
 acid, α -methyl-, as described in more detail by
 the note at *Acetic acid*. Compounds containing
 propanoic residues attached to rings by double
 bonds were previously indexed at conjunctive
 names but are now indexed at this heading in
 the absence of a higher function
Propanoic acid, anhydrides
 anhydride with isocyanic acid — see Propanoyl
 isocyanate [4382-03-0]
Propanoic acid [79-09-4], esters
 Simple esters (butyl, chlorophenyl, cyclohexyl, decyl,
 2-(diethylamino)ethyl, 2-(dimethylamino)ethyl,
 1,1-dimethylethyl, dodecyl, ethenyl, ethyl,
 2-ethylbutyl, 2-ethylhexyl, heptyl, hexyl,
 methyl, 1-methylethyl, methylphenyl,
 1-methylpropyl, 2-methylpropyl, nitrophenyl,
 nonyl, octadecyl, octyl, pentyl, phenyl,
 2-phenylethyl, phenylmethyl, 2-propenyl, and
 propyl) are indexed at this heading. Other esters
 are indexed only at the alcohols
Propanoic acid
 —, 2-acetyl-
 See Butanoic acid, 2-methyl-3-oxo- [2382-59-4]
 —, 2-amino-
 (S)- — see L-Alanine [56-41-7]
 —, 3-amino-
 See β -Alanine [107-95-9]
 —, 2-[(aminocarbonyl)amino]-
 See Alanine, N-(aminocarbonyl)- [585-04-6]
 —, 3-[(aminocarbonyl)amino]-
 See β -Alanine, N-(aminocarbonyl)- [462-88-4]
 —, 2-amino-3-hydroxy-
 (S)- — see L-Serine [56-45-1]
 —, 3-amino-2-(2-hydroxy-2,4,6-cyclo-
 heptatrien-1-ylidene)-3-oxo-
 γ -lactone — see 2H-Cyclohepta[b]furan-3-
 carboxamide, 2-oxo- [1729-08-4]
 —, 2-amino-3-(4-hydroxyphenyl)-
 (S)- — see L-Tyrosine [60-18-4]
 —, 2-[(aminoininomethyl)amino]-
 See Alanine, N-(aminoininomethyl)- [39614-54-5]
 —, 3-[(aminoininomethyl)amino]-
 See β -Alanine, N-(aminoininomethyl)- [353-09-3]
 —, 2-amino-2-mercapto-
 (R)- — see L-Cysteine [52-90-4]

- , 3-[(17 β)-androstane-17-yl]-
 See Pregnane-21-carboxylic acid [6542-74-1]
 —, 2-benzoyl-
 See Benzenepropanoic acid, α -methyl- β -oxo-
 [4767-01-5]
 —, 3-benzoyl-
 See Benzenepropanoic acid, γ -oxo- [2051-95-8]
 —, 2,2-bis(hydroxymethyl)-
 See Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-
 2-methyl- [4767-03-7]
 —, 2,3'-(carbonyldiimino)bis-
 See Alanine, N-[(2-carboxyethyl)amino]carbonyl]-
 [5811-52-9]
 —, 3-(2-carboxyoxiranyl)-
 See Oxiranepropanoic acid, 2-carboxy- [5238-66-4]
 —, 3,3'-(3-carboxypropyl)imino]bis-
 See Butanoic acid, 4-[bis(2-carboxyethyl)amino]-
 [23601-89-0]
 —, 2-(chloromercurio)-
 See Mercurate(1-), (1-carboxylatoethyl)chloro-,
 hydrogen [26371-02-8]
 —, 3-(chloromercurio)-
 See Mercurate(1-), chloro[propanoato(2-)- κ C³, κ O¹]-,
 hydrogen [4767-05-9]
 —, 2-cyclohexyl-
 See Cyclohexanecarboxylic acid, α -methyl- [6051-13-4]
 —, 2-cyclohexyl-2,3-diphenyl-
 See Benzenepropanoic acid, α -cyclohexyl- α -phenyl-
 [26371-04-0]
 —, 3,3'-(cyclohexylidenebis(thio))bis-
 cyclic stannylene deriv. —
 see 11,13-Dioxo-7,17-dithia-12-stannaspiro-
 [5.11]heptadecane-10,14-dione [26371-05-1]
 —, 3-cyclohexyl-3-phenyl-
 See Benzenepropanoic acid, β -cyclohexyl-
 [4361-40-4]
 —, 2,3-diamino-
 See Alanine, 3-amino- [515-94-6]
 —, 3,3-diformyl-
 See Butanoic acid, 3-formyl-4-oxo- [25400-38-8]
 —, 2,3-dihydroxy- [473-81-4]
 Cyclic derivatives of 2,3-dihydroxypropanoic acid are
 indexed at the ring names; thus, the cyclic acetal
 with 1-phenylethanone is indexed at
 1,3-Dioxolane-4-carboxylic acid,
 2-methyl-2-phenyl-
 —, 2,3-diphenyl-
 See Benzenepropanoic acid, α -phenyl- [3333-15-1]
 —, 3,3'-dithiobis[2-amino-
 [R-(R*,R*)]- — see L-Cystine [56-89-3]
 —, 2,3-epoxy-
 See Oxiranecarboxylic acid [503-11-7]
 —, 3,3'-(1,2-ethanediylbis(oxymethyleneoxy-2,1-
 ethanediyl)oxy)bis-
 See 4,7,9,12,14,17-Hexaoxaicosanedioic acid
 [25849-17-6]
 —, 3,3',3'',3'''-(1,2-ethanediylidenetetrakis(thio))-
 tetrakis-
 cyclic bis(dibutylstannylene) deriv. —
 see [8,8'-Bi-1,3-dioxo-7,9-dithia-2-
 stannacyclododecane]-4,4',12,12'-tetrone, 2,2-
 2',2'-tetrabutyl- [5577-02-6]
 —, 3-(1,2-ethanediylimino)-
 See 1-Aziridinepropanoic acid [25741-05-3]
 —, 3-formyl-
 See Butanoic acid, 4-oxo- [692-29-5]
Propanoic acid, 2-hydroxy-, anhydrides
 monoanhydride with sulfurous acid, cyclic ester
 — see 1,3,2-Dioxathiolan-4-one, 5-methyl-
 , 2-oxide [15484-28-3]
Propanoic acid, 2-hydroxy-, compounds
 2-amino-2-deoxy-D-glucose deriv. —
 see Muramic acid, (7E)- [2494-51-1]
Propanoic acid, 2-hydroxy-, esters
 bimol. cyclic ester —
 see 1,4-Dioxane-2,5-dione, 3,6-dimethyl-
 [95-96-5]
Propanoic acid
 —, 3-hydroxy-
 cyclic ester with 4-hydroxybutanoic acid (1:1)
 — see 1,5-Dioxanone-2,6-dione
 [28318-32-3]
 β -lactone — see 2-Oxetanone [57-57-8]
 —, 2-[(10-hydroxydecyl)oxy]-
 μ -lactone — see 1,4-Dioxacyclotetradecan-2-one,
 3-methyl- [16493-78-0]
 —, 3-[(10-hydroxydecyl)oxy]-
 ν -lactone — see 1,5-Dioxacyclopentadecan-2-one
 [16493-79-1]
 —, 3-hydroxy-2,2-dimethyl-
 β -lactone — see 2-Oxetanone, 3,3-dimethyl-
 [1955-45-9]
 —, 2-(1-hydroxyethoxy)-
 γ -lactone — see 1,3-Dioxolan-4-one, 2,5-
 dimethyl- [4744-00-7]
 —, 3-hydroxy-2-mercapto-
 cyclic carbonimidate —
 see 1,3-Oxathiolane-4-carboxylic
 acid, 2-imino- [34040-92-1]
 —, 3-[(hydroxymethyl)silyl]-
 δ -lactone — see 1-Oxa-3-silacyclohexan-6-one
 [28138-35-4]
 —, 3-[(5-hydroxy-4-oxo-2-pentenyl)oxy]-
 θ -lactone — see 2H,6H-1,5-Dioxecin-2,9(10H)-
 dione, 3,4-dihydro- [23636-49-9]
 —, 3-(hydroxyphosphinyl)-
 intramol. anhydride —
 see 1,2-Oxaphospholan-5-one, 2-oxide
 [26363-23-5]
 —, 3-(hydroxysilyl)-
 γ -lactone — see 1-Oxa-2-silacyclopentan-5-one
 [13929-90-3]
 —, 3-(hydroxystannyl)-
 inner salt — see 1,2-Oxastannolan-5-one
 [28138-37-6]
 —, 2,3'-iminobis-
 See Alanine, N-(2-carboxyethyl)- [4938-03-8]
 —, 3,3'-iminobis-
 See β -Alanine, N-(2-carboxyethyl)- [505-47-5]
 —, 3-mercapto-
 β -(thio lactone) — see 2-Thietanone [2935-95-7]

- , 3,3'-mercuriobis-
 See Mercurate(2-), bis[propanoato(2-)- κ C³, κ O¹]-,
 dihydrogen, (T-4)- [5962-37-8]
 —, 3,3'-[methylenebis(thio)]bis-
 cyclic stannylene deriv. —
 see 1,3-Dioxo-7,9-dithia-2-stannacyclo-
 dodecane-4,12-dione [5980-60-9]
 —, 3,3'-[(1-methylethylidene)bis(thio)]bis-
 cyclic stannylene deriv. —
 see 1,3-Dioxo-7,9-dithia-2-stannacyclo-
 dodecane-4,12-dione, 8,8-dimethyl-
 [5980-61-0]
 —, 2-(4-morpholinyl)-
 See 4-Morpholineacetic acid, α -methyl-
 [25245-81-2]
 —, 2-oxo-
 See also 2-Propanoic acid, 2-hydroxy- [19071-34-2]
 —, 3,3'-[oxybis(1,4-phenylenecarbonyl)]bis-
 See Benzenepropanoic acid, 4,4'-oxybis[γ -oxo-
 [4378-33-0]
 —, 3-(phenylamino)-
 See β -Alanine, N-phenyl- [5652-38-0]
 —, 3,3'-[1,2-phenylenebis(oxy)]-
 See 1,3-Benzodioxole-2-acetic acid [4442-71-1]
 —, 2-(phenylmethyl)-
 See Benzenepropanoic acid, α -methyl- [1009-67-2]
 —, 3,3'-[(phenylmethylene)bis(thio)]bis-
 cyclic stannylene deriv. —
 see 1,3-Dioxo-7,9-dithia-2-stannacyclo-
 dodecane-4,12-dione, 8-phenyl- [5980-63-2]
 —, 3-phosphono-
 cyclic P,P'-1,2-ethanediyl ester —
 see 1,3,2-Dioxaphospholane-2-propanoic
 acid, 2-oxide [26362-67-4]
 —, 3-(1-piperidinylcarbonyl)-
 See 1-Piperidinebutanoic acid, γ -oxo- [4672-17-7]
 —, 2-potassio-
 See Propanoic acid, compounds, ion(1-), potassium
 [26371-09-5]
 —, 3-sulfo-
 cyclic anhydride —
 see 1,2-Oxathiolan-5-one, 2,2-dioxide
 [5961-88-6]
 —, 3,3'-thiobis-
 cyclic stannylene deriv. —
 see 1,3,7,2-Dioxathiastannecane-4,10-dione
 [7316-86-1]
3a,7a-Propanoindan
 See 3a,7a-Propano-1H-indene, 2,3-dihydro-
 [4933-32-8]
3a,7a-Propanoisindoline
 See 3a,7a-Propano-1H-isindole, 2,3-dihydro-
 [4756-15-4]
1,3-Propanoisquinoline
 —, 1,2-dihydro-
 See Benzocycloocten-5,9-imine, 5,6,7,8-tetrahydro-
 [30628-43-4]
1H-2,4-Propanoisquinoline
 —, 3,4-dihydro-
 See 1H-2,6-Methano-2-benzazocine, 3,4,5,6-tetra-
 hydro- [5974-60-7]
1-Propanol [71-23-8]
 1-Propanol derivatives containing functions higher
 than alcohol are entered at index names that
 express the higher functions (see notes at
Alcohols, *Methanol*); e.g., Benzoic acid,
 4-(3-hydroxypropyl)-. When a cyclic parent is
 directly attached to 1-propanol by a single bond,
 a conjunctive name is employed; e.g.,
 1-Naphthalenepropanol;
 2H-1-Benzopyran-4-ethanol, β -methyl-;
 Benzenemethanol, α -ethyl-
1-Propanol [71-23-8], compounds
 Specific coordination compounds containing the
 propoxy ligand are indexed only at the
 coordination headings, e.g., Aluminum,
 (octadecanoato-O)dipropoxy- [34572-34-4].
 Nonspecific coordination compounds containing
 this ligand are indexed here and at the element
 headings. Specific coordination compounds
 containing other ligands derived from propyl
 alcohol, e.g., the neutral ligand, are indexed here
 as well as at the specific coordination headings
1-Propanol [71-23-8], esters
 Specific esters of acids with 1-propanol are indexed
 under the names of the acids only. General
 studies of 1-propanol esters are indexed at this
 heading
1-Propanol
 —, 1,1-bis[(dimethylamino)methyl]-
 See 2-Butanol, 1-(dimethylamino)-2-[(dimethyl-
 amino)methyl]- [4494-08-0]
 —, 2,3-dimercapto-
 cyclic 2,3-(phenylarsonodithioite) —
 see 1,3,2-Dithiarsolane-4-methanol, 2-
 phenyl- [26008-87-7]
 —, 2,2-dimethyl-1-phenyl-
 See Benzenemethanol, α -(1,1-dimethylethyl)-
 [3835-64-1]
 —, 2,2-dimethyl-3-(1-piperidinyl)-
 See 1-Piperidinepropanol, β,β -dimethyl-
 [4667-61-2]
 —, 1,1-diphenyl-
 See Benzenemethanol, α -ethyl- α -phenyl-
 [5180-33-6]
 —, 1,3-diphenyl-
 See Benzenepropanol, α -phenyl- [14097-24-6]
 —, 2,3-epoxy-
 See Oxiranemethanol [556-52-5]
 —, 1,3-(1,1'-ferrocenediyl)-
 See Ferrocene, 1,1'-(1-hydroxy-1,3-propanediyl)-
 [12289-06-4]
 —, 2-mercapto-
 cyclic carbonate —
 see 1,3-Oxathiolan-2-one, 4-methyl-
 [3036-94-0]
 —, 2-methyl- [78-83-1]
 Specific esters of acids with 2-methyl-1-propanol are
 indexed under the names of the acids only; metal
 salts and general studies of esters of
 2-methyl-1-propanol are indexed at this
 heading